

Document Log Item

Addressing	
From	To
David Basinger/R9/USEPA/US	Adam Freedman/R9/USEPA/US@EPA
CC	BCC
Description Form Used: Reply	
Subject	Date/Time
Re: (Shell) C6 CCS Plugging & Abandonment Plans	02/26/2010 01:49 PM
# of Attachments	Total Bytes
0	32,174
NPM	Contributor
Processing	
Comments	

Body

Document Body

Deliberative Ex. (b)(5)

[Redacted]

[Redacted]

[Redacted]

[Redacted]

Dave

Adam Freedman---02/26/2010 12:55:26 PM---[Redacted]

[Redacted]

From: Adam Freedman/R9/USEPA/US
To: David Albright/R9/USEPA/US@EPA
Cc: David Basinger/R9/USEPA/US@EPA, George Robin/R9/USEPA/US@EPA, R9-Deep
Date: 02/26/2010 12:55 PM
Subject: Re: (Shell) C6 CCS Plugging & Abandonment Plans

Deliberative Ex. (b)(5)

David Albright---02/26/2010 11:29:24 AM---Deliberative Ex. (b)(5)

From: David Albright/R9/USEPA/US
To: Adam Freedman/R9/USEPA/US@EPA
Cc: David Basinger/R9/USEPA/US@EPA, George Robin/R9/USEPA/US@EPA, R9-Deep
Date: 02/26/2010 11:29 AM
Subject: Re: (Shell) C6 CCS Plugging & Abandonment Plans

Deliberative Ex. (b)(5)

Adam Freedman---02/26/2010 10:02:58 AM---Deliberative Ex. (b)(5)

From: Adam Freedman/R9/USEPA/US
To: David Basinger/R9/USEPA/US@EPA
Cc: David Albright/R9/USEPA/US@EPA, George Robin/R9/USEPA/US@EPA, R9-Deep

Date: 02/26/2010 10:02 AM
Subject: Re: (Shell) C6 CCS Plugging & Abandonment Plans

Deliberative Ex. (b)(5)
[Redacted text block]

Deliberative Ex. (b)(5)
[Redacted text block]

[Redacted text block]

-Adam

David Basinger---02/26/2010 09:26:10 AM---
[Redacted text block]

From: David Basinger/R9/USEPA/US
To: George Robin/R9/USEPA/US@EPA
Cc: Adam Freedman/R9/USEPA/US@EPA, David Albright/R9/USEPA/US@EPA, R9-Deep
Date: 02/26/2010 09:26 AM
Subject: Re: (Shell) C6 CCS Plugging & Abandonment Plans

Deliberative Ex. (b)(5) [Redacted]
[Redacted]

[Redacted]
[Redacted]
[Redacted]
[Redacted]
[Redacted]
[Redacted]
[Redacted]
[Redacted]
[Redacted]
[Redacted]

[Redacted]

[Redacted]

Dave

George Robin---02/25/2010 02:21:20 PM---Deliberative Ex. (b)(5) [Redacted]
[Redacted]

From: George Robin/R9/USEPA/US
To: Adam Freedman/R9/USEPA/US@EPA
Cc: David Albright/R9/USEPA/US@EPA, R9-Deep
Date: 02/25/2010 02:21 PM
Subject: Re: (Shell) C6 CCS Plugging & Abandonment Plans

Deliberative Ex. (b)(5)

George

Adam Freedman---02/24/2010 05:13:47 PM---

From: Adam Freedman/R9/USEPA/US
To: David Albright/R9/USEPA/US@EPA
Cc: George Robin/R9/USEPA/US@EPA, R9-Deep
Date: 02/24/2010 05:13 PM
Subject: Re: (Shell) C6 CCS Plugging & Abandonment Plans

Deliberative Ex. (b)(5)

Deliberative Ex. (b)(5)

David Albright---02/24/2010 05:02:13 PM---Deliberative Ex. (b)(5)

From: David Albright/R9/USEPA/US
To: Adam Freedman/R9/USEPA/US@EPA
Cc: George Robin/R9/USEPA/US@EPA, R9-Deep
Date: 02/24/2010 05:02 PM
Subject: Re: (Shell) C6 CCS Plugging & Abandonment Plans

Deliberative Ex. (b)(5)

Re: (Shell) C6 CCS Plugging & Abandonment Plans

Re: (Shell) C6 CCS Plugging & Abandonment Plans 

Adam Freedman

to: George Robin

02/24/2010
04:55 PM

Cc: R9-Deep

Deliberative Ex. (b)(5)

-Adam

George Robin---02/23/2010 11:11:14 AM---Thanks Adam,

From: George Robin/R9/USEPA/US
To: Adam Freedman/R9/USEPA/US@EPA
Cc: R9-Deep
Date: 02/23/2010 11:11 AM
Subject: (Shell) C6 CCS Plugging & Abandonment Plans

Thanks Adam,

Deliberative Ex. (b)(5)

Deliberative Ex. (b)(5)

[REDACTED]

[REDACTED]

Deliberative Ex. (b)(5)

[REDACTED]

George

Adam Freedman---02/23/2010 10:46:53 AM---George--

Deliberative Ex. (b)(5)

From: Adam Freedman/R9/USEPA/US
To: George Robin/R9/USEPA/US@EPA
Date: 02/23/2010 10:46 AM
Subject: Re: Fw: C6 CCS Plugging & Abandonment Plans

George--

Deliberative Ex. (b)(5)

[REDACTED]

Deliberative Ex. (b)(5)

-Adam

George Robin---02/18/2010 12:49:10 PM---Adam, Deliberative Ex. (b)(5)

From: George Robin/R9/USEPA/US
To: Adam Freedman/R9/USEPA/US@EPA
Date: 02/18/2010 12:49 PM
Subject: Fw: C6 CCS Plugging & Abandonment Plans

Adam,

•

■

■

■

■

George

----- Forwarded by George Robin/R9/USEPA/US on 02/18/2010 12:39 PM -----

From: <Damonica.Pierson@Shell.com>
To: Adam Freedman/R9/USEPA/US@EPA
Cc: George Robin/R9/USEPA/US@EPA
Date: 02/17/2010 10:00 AM
Subject: RE: C6 CCS Plugging & Abandonment Plans

Adam and George, attached below is a schematic that visually represents the temporary and permanent P&A for the injection well. There is a note on the drawing that indicates similar P&A procedures for the monitoring well. Realizing that you originally requested two separate drawings, let me know if this will suffice.

-----Original Message-----

From: Freedman.Adam@epamail.epa.gov [mailto:Freedman.Adam@epamail.epa.gov]

Sent: Tuesday, February 09, 2010 6:18 PM

To: Pierson, Damonica M SEPCO-SWE

Cc: robin.george@epa.gov

Subject: C6 CCS Plugging & Abandonment Plans

Damonica,

In Attachment Q of your permit application, C6 describes their general plugging and abandonment (P&A) plans. I am requesting that C6 submit schematics (similar to Figure M-1) that will complement that written description. The schematics should visually represent both the temporary and permanent P&A plans as submitted (two separate schematics should be prepared), showing where the cement plugs will be, where mud will be used, an accurate portrayal of the wells after any of the temporarily installed monitoring equipment is removed, and the depths of relevant geologic formations. For guidance, on this website (<http://www.epa.gov/region09/water/groundwater/uic-permits.html#lapaloma>) click on the Final Permit for La Paloma Generating Company and see Figures 9a and 9b. If you have any questions, please feel free to contact me. Thank you.

Adam Freedman
Environmental Scientist, Underground Injection Control

U.S. Environmental Protection Agency, Region 9
75 Hawthorne Street (WTR-9)
San Francisco, CA 94105-3901
415.972.3845

freedman.adam@epa.gov [attachment "TA_PA well schematic Injection Well.ppt" deleted by
Adam Freedman/R9/USEPA/US]